

FILE NOTATIONS

Entered in NID File

✓

Entered On S R Sheet

Location Map Pinned

✓

Card Indexed

✓

I W R for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

4/19/77SI

Location Inspected

OW

WW

TA

Bond released

GW

OS

PA

State of Fee Land

LOGS FILED

Driller's Log

✓

Electric Logs (No.)

✓

E

I

E-I

GR

GR-N

Micro

Lat

Mi-L

Sonic

Others

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☐

OTHER Gas Storage

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR

P. O. Box 1129 Rock Springs, Wyoming 82902

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

2100' FSL, 2200' FWL NE NW

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

41 miles south of Rock Springs, Wyoming

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

450'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1800'

Unit #15

16. NO. OF ACRES IN LEASE

1900.74

19. PROPOSED DEPTH

6065'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 66673'

22. APPROX. DATE WORK WILL START*

After Unit #28-S

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8" new	36# K-55	300'	180 sx, 3% CaCl
8-3/4	7" new	23# K-55	6065'	To be determined

We would like to drill the subject well to an estimated depth of 6065', anticipated formation tops are as follows: Mancos at the surface, Frontier at 5415', Mowry at 5615', and Dakota at 5865'.

Mud will be adequate to contain formation fluids and in sufficient quantities to efficiently drill the well; blowout preventers will be checked daily and pressure tested after each string of casing is set; 1 core (50' in Mowry, 50' in Dakota), no DST's; no mud logging unit; 20 days drilling time; no abnormal temperatures, pressures, or H2S anticipated; probably run DIL, Sonic Density, and CNL logs.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 1-18-77

BY: *Clean B. Feight*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

P. E. Myers

TITLE

Manager, Drilling and
Petroleum Engineering

DATE

Jan. 14, 1977

(This space for Federal or State office use)

PERMIT NO.

43-009-30020

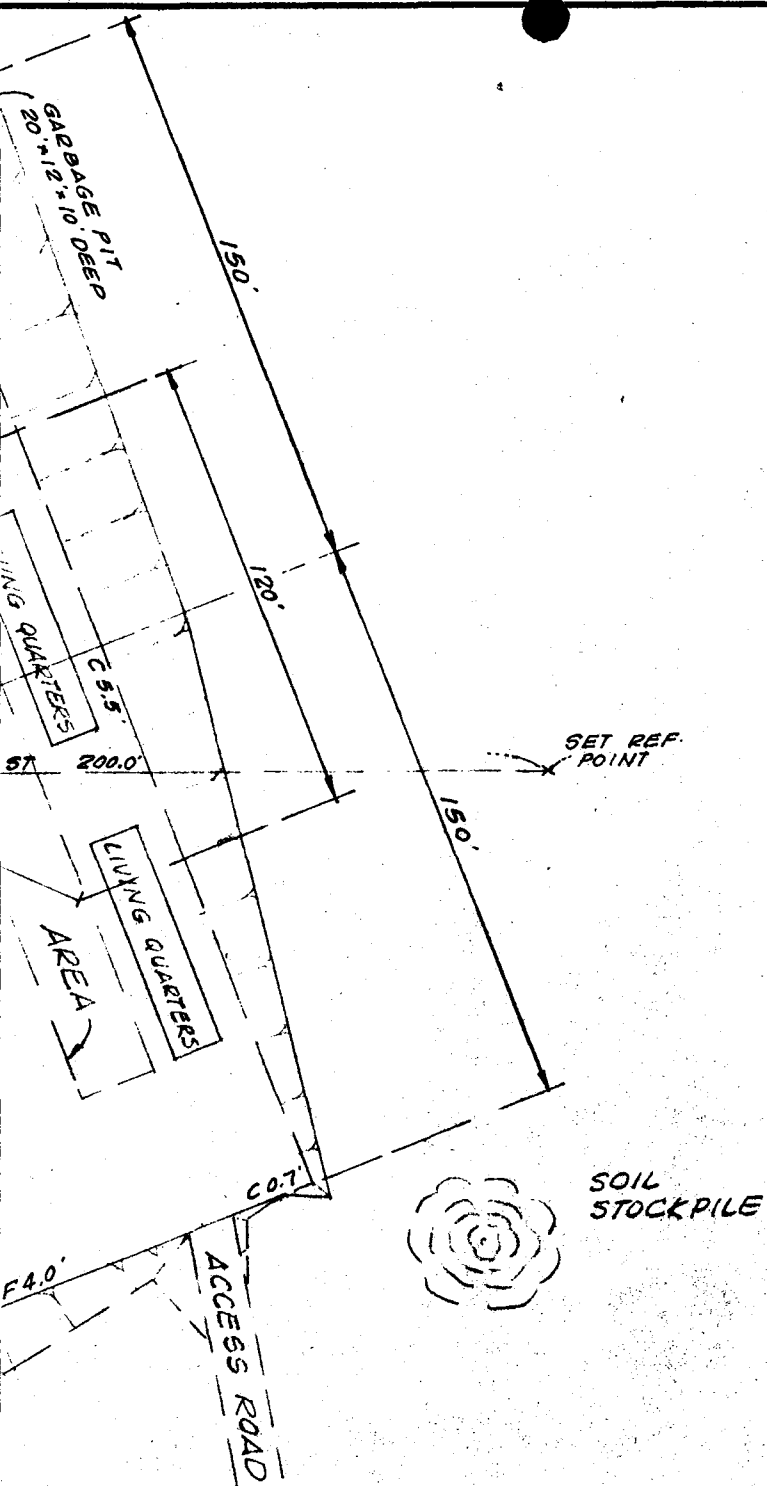
APPROVAL DATE

APPROVED BY

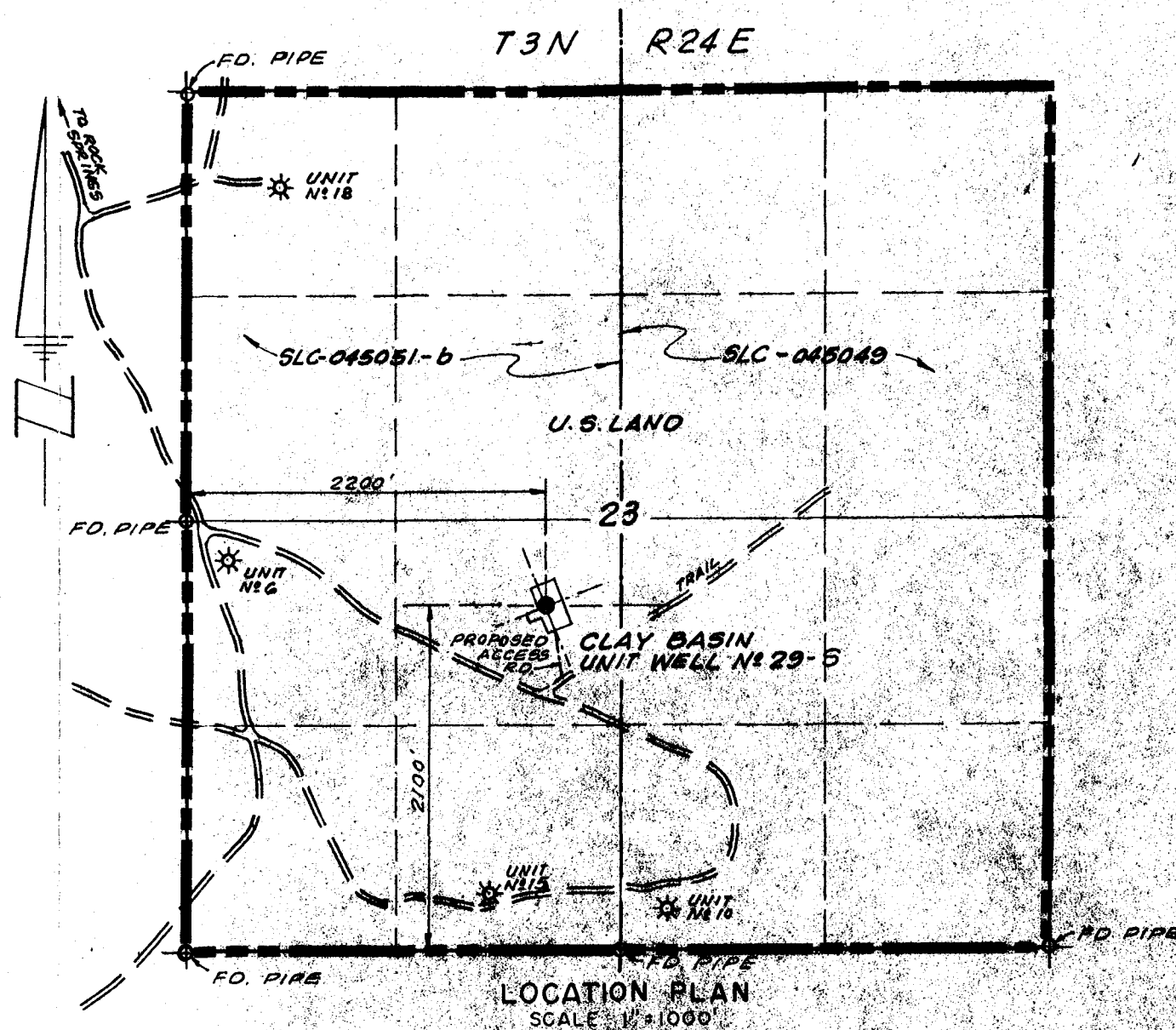
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



GRADED WELL SITE PLAN
SCALE 1" = 50'

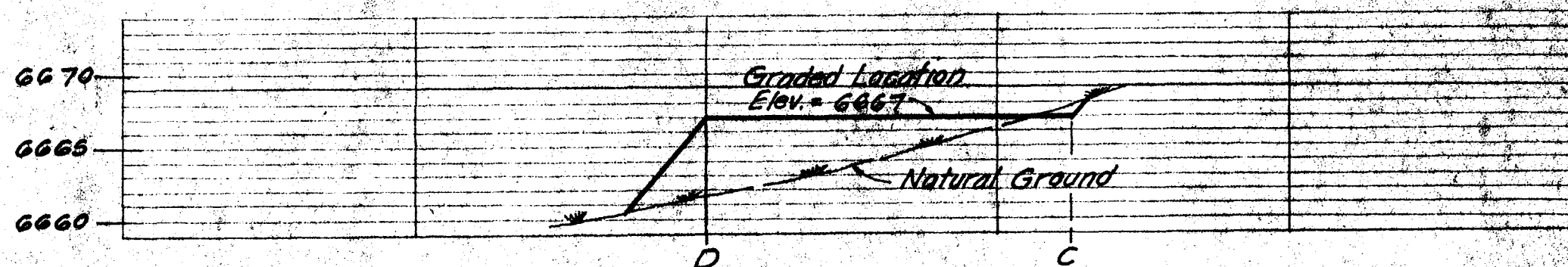
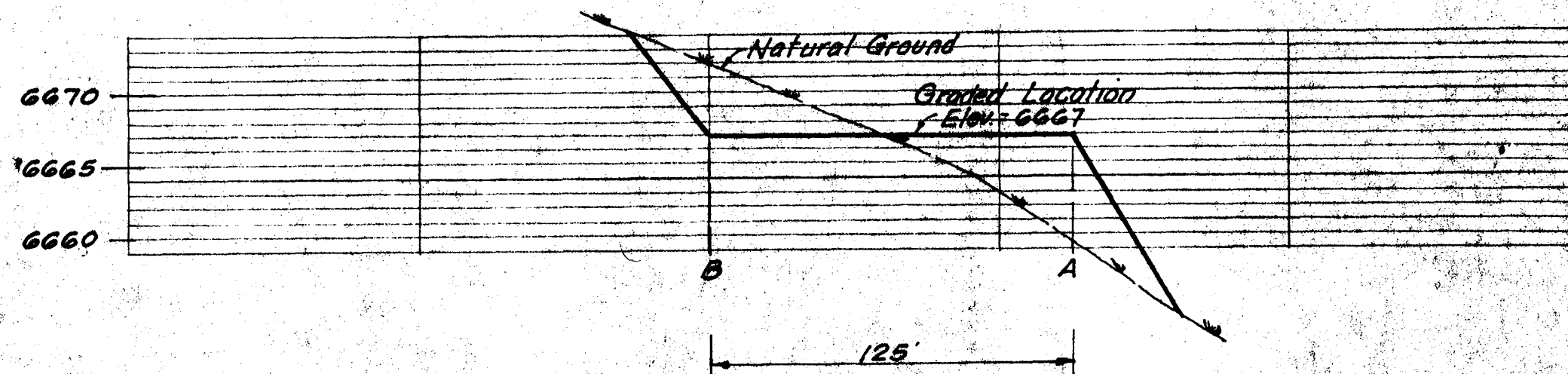
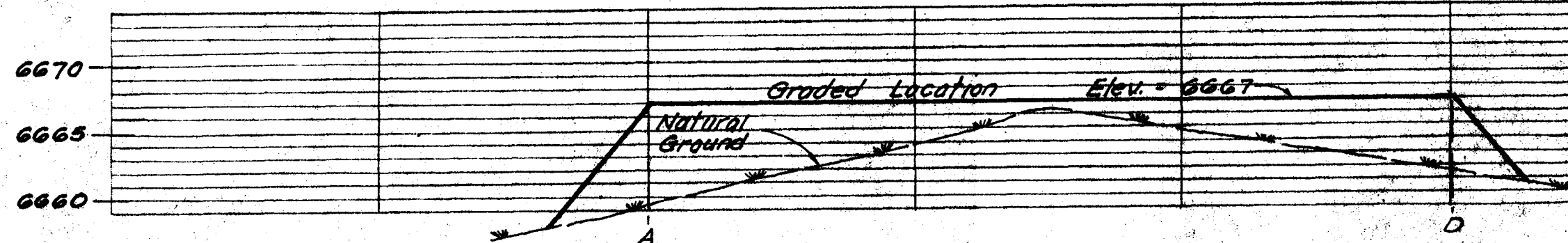
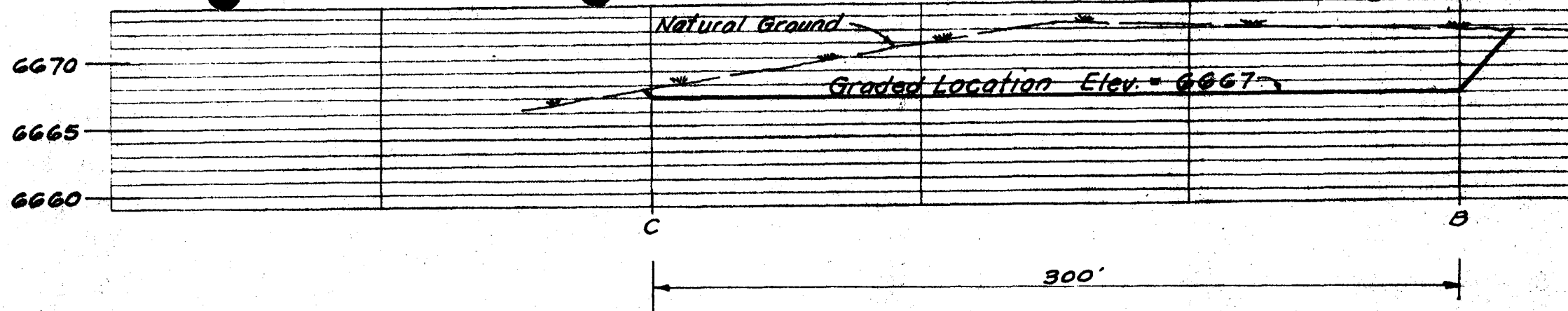


This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge.

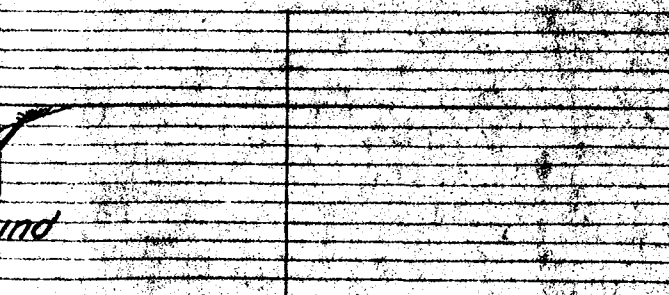
[Signature]
ENGINEER
UTAH REGISTRATION L.S. N° 3521

DRILLING W.O.

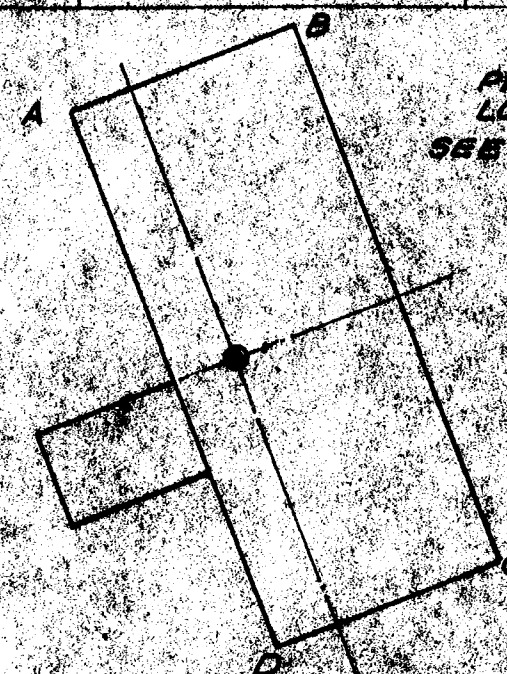
LEGEND		ENGINEERING RECORD		REVISIONS				MOUNTAIN FUEL SUPPLY COMPANY ROCK SPRINGS, WYOMING	
⊕	WELL	SURVEYED BY	S.M. Fabian 9-14-76 F. Hanking 11-4-76	NO.	DESCRIPTION	DATE	BY		
⊕	STONE CORNER	REFERENCES	G.L.O. PLAT <input checked="" type="checkbox"/> U.S.G.S. QUAD. MAP <input type="checkbox"/>					CERTIFIED WELL LOCATION AND WELL SITE PLAN CLAY BASIN UNIT WELL N° 29-5	
⊕	PIPE CORNER	LOCATION DATA							
		FIELD	CLAY BASIN					DRAWN: 11-15-76 AHV SCALE: AS NOTED	
		LOCATION: NE 1/4, SW 1/4, SEC. 23, T3N, R24E, SALT LAKE MERIDIAN 2100' FSL, 2200' FWL							
		DAGGETT COUNTY, UTAH						CHECKED: GCL SMF DRWG NO. M/2314 1/2	
		WELL ELEVATION: 6667 (AS GRADED) BY ELECTRONIC VERTICAL ANGLE ELEVATIONS FROM M.F.S. CO. BENCH MARK & 123							
								APPROVED: RWH	



PROFILE SECTIONS
 PROPOSED GRADED LOCATION
 SCALE
 HORIZ 1" = 50'
 VERT 1" = 10'




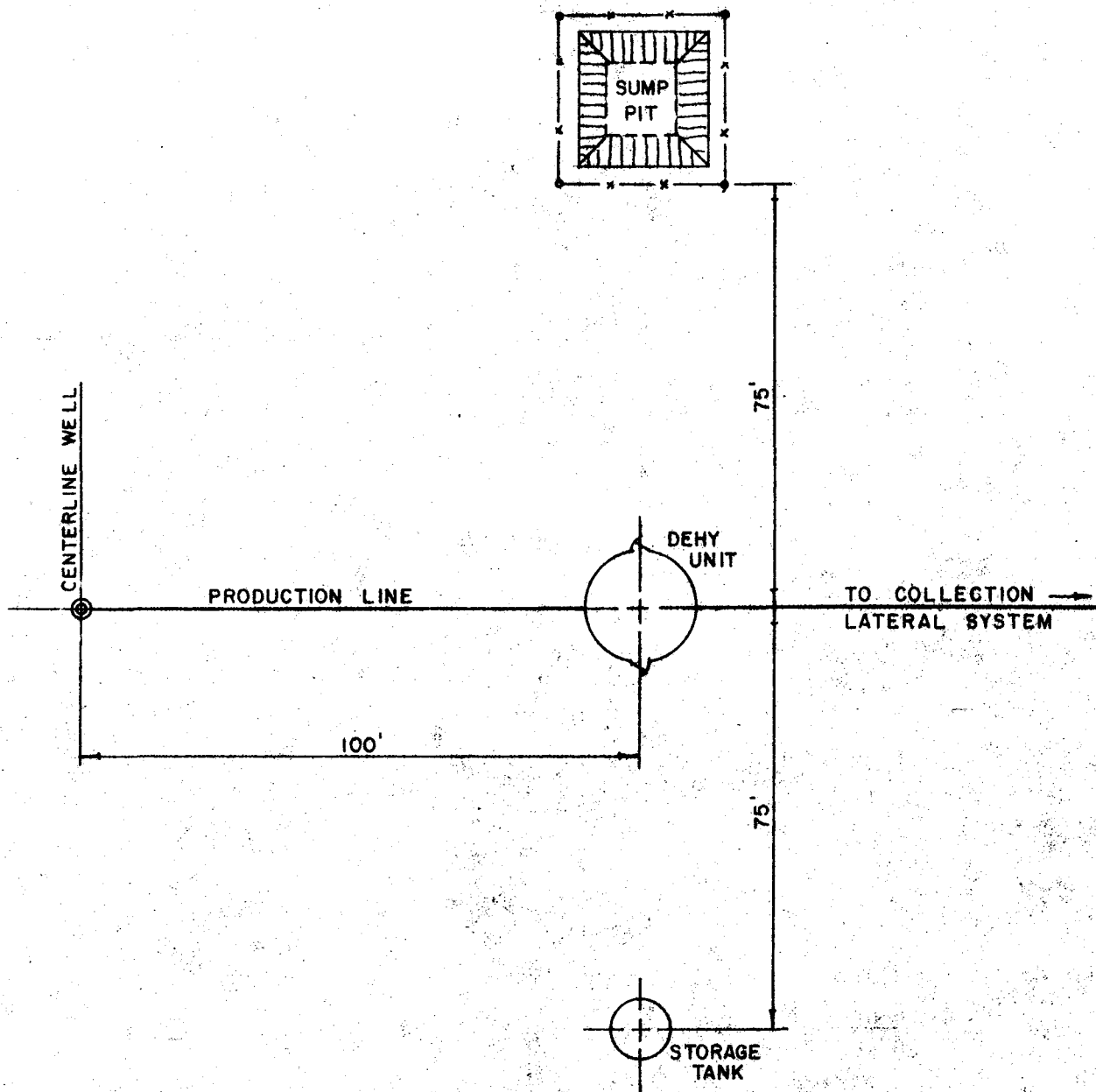
FILE SECTIONS
GRADED LOCATION
SCALE
HORIZ 1" = 50'
VERT 1" = 10'




PROPOSED WELL
LOCATION SITE
SEE DWG NO M-12314

KEY MAP
SCALE 1:100

REVISIONS				 MOUNTAIN FUEL SUPPLY COMPANY BROOK SPRINGS, WYOMING	
NO.	DESCRIPTION	DATE	BY		
				PROFILES FOR CLAY BASIN UNIT WELL NO 29-S WELL LOCATION SITE	
				DRAWN: JF, JR, & ANW	SCALE: AS NOTED
				CHECKED: GEL SWE	DRWG. NO. M-12315 2/2
				APPROVED: DWH	



REVISIONS				 MOUNTAIN FUEL SUPPLY COMPANY ROCK SPRINGS, WYOMING	
NO.	DESCRIPTION	DATE	BY		
				TYPICAL PRODUCTION FACILITIES LAYOUT FOR CLAY BASIN UNIT WELL N° 29-S	
DRAWN: 7/9/76 FJC		SCALE: NONE		DRWG. NO. M-12205	
CHECKED: GEL SMF		APPROVED: RWH			

DEVELOPMENT PLAN FOR U.S.C.S. APPROVAL OF SURFACE USE
MOUNTAIN FUEL SUPPLY COMPANY DRILLING WELLS

Well Name - Clay Basin Well No. 29-S

Field or Area - Clay Basin, Utah

1. Existing Roads -

- A) Proposed well site as staked - Refer to well location plan M-12314 for location of well, access road and directional reference stakes.
- B) Route and distance from nearest town or locatable reference point to where well access route leaves main road - Refer to lateral map M-9030 From the Wyoming-Utah state line to Rock Springs, Wyoming is 50 miles.
- C) Access road to location - Refer to lateral map M-9030 and well site map M-12314 for access road from Wyoming-Utah state line to Clay Basin unit No. 29-S.
- D) If exploratory well, all existing roads within a 3-mile radius of well site - Not an exploratory well.
- E) If development well, all existing roads within a 1-mile radius - Refer to lateral map M-9030 for existing roads.
- F) Plans for improvement and/or maintenance of existing roads - No existing roads will be improved. All existing roads will be maintained as needed by Mountain Fuel equipment.

2. Planned Access Road -

- A) Width - 16' wide from shoulder to shoulder.
- B) Maximum grade - The maximum grade on the road is 8 percent.
- C) Turnouts - No turnouts will be constructed.
- D) Drainage design - A drainage ditch on the uphill side of the road will be constructed. It will be a minimum of one foot below the surface of the road. No water diversion ditches are anticipated.
- E) Location and size of culverts and description of major cuts and fills -
 - 1) For culvert size and location see drawing No. M-12314
 - 2) No side hill cuts will be made.
- F) Surfacing material - No surfacing material will be needed either on the road or location.
- G) Necessary gates, cattle guards or fence cuts - No cattle guards, gates, or fence cuts are anticipated.
- H) New or reconstructed roads - The new road is center line flagged.

3. Location of Existing Wells -

- A) Water wells - None within a one mile radius.
- B) Abandoned wells - None within a one mile radius.
- C) Temporarily abandoned wells - None within a one mile radius.

- D) Disposal wells - None within a one mile radius.
 - E) Drilling wells - Both Clay Basin 24 and 25 are proposed wells and should be drilling soon.
 - F) Producing wells - Clay Basin unit well Nos. 12, 15, 17, 18, & 23 are productive gas well within a one mile radius.
 - G) Shut-in wells - No shut-in wells within a one mile radius.
 - H) Injection wells - Clay Basin wells 6 and 10 are injection/withdrawal wells.
 - I) Monitoring or observation wells for other resources - No monitoring or observation wells within a one mile radius.
4. Location of Existing And/Or Proposed Facilities - Refer to lateral map M-9030.
- A) 1) Tank batteries - No tank batteries within a one mile radius.
 - 2) Production facilities - Each productive gas well has its own production equipment. Also, a compressor plant is located near unit 3. Also, a compressor plant for injection is being constructed near unit 3.
 - 3) Oil gathering lines - No oil gathering lines are located in the Clay Basin area.
 - 4) Gas gathering lines - Refer to area map M-9030. Laterals Nos. 55, 46, and 47 are buried gas lines. Lateral Nos. 270, 273, and 403 are surface gas lines.
 - 5) Injection lines - Several injection/withdrawal lines are located within the area. Refer to lateral map M-9030.
 - 6) Disposal lines - No disposal lines are located within a one mile radius.
- B) 1) Proposed location and attendant lines by flagging if off the well pad - The well will be used as a gas injection/withdrawal well. A line will be constructed from the well to the compressor site as shown on drawing M-9030. The line will be a buried 6 inch.
- 2) Dimensions of facilities - Refer to drawing No. M-12205.
- 3) Construction methods and materials - No construction materials are anticipated. The dirt work will be done with a backhoe, i.e., ditches, dehy base, tank base, etc.
- 4) Protective measures and devices to protect livestock and wildlife - The sump pit will be fenced as shown on drawing M-12205.
- C) Plans for rehabilitation of disturbed area no longer needed for operations after construction is completed - After construction is complete, areas of non-use will be restored and seeded.
5. Location and Type of Water Supply -
- A) Location of water - The water withdrawal point on Red Wash is located in the SW 1/4 of Section 22, T.12N., R. 105W. of the 6th P.M., Sweetwater County, Wyoming.
 - B) Method of transporting water - Water will be hauled by tank truck from Red Creek to Unit Well No. 24. The well access road, as shown on drawing M-9030, will be used as the water haul road.

- C) Water well to be drilled on lease - No water well will be drilled.
6. Source of Construction Material -
- A) Information - No construction material will be used.
 - B) Identify if from Federal or Indian land -
 - C) Where materials are to be obtained and used -
 - D) Access roads crossing Federal or Indian lands -
7. Method for Handling Waste Disposal -
- A-D) Cutting, drilling fluids, produced fluids, and sewage will be placed in the mud pit.
 - E) Garbage and other waste material will be placed in the burn pit.
 - F) After drilling operations have been completed, the location will be cleared of all litter and the trash will be burned in the burn pit. The burn pit will be covered over. The mud pit liquids will be pumped out and dumped on the existing roads. The mud pit will be covered over.
8. Ancillary Facilities - There now is a camp approximately 1/2 mile to the east with housing and general camp facilities including a landing strip. Water is piped to the camp from a spring to the west. See drawing M-9030.
9. Well Site Layout - See drawing Nos. M-12314 and M-12315.
10. Plans for Restoration of Surface -
- A) After drilling operations, the well site will be cleared and cleaned and the burn pit filled in. Should the well be a dry hole, the surface will be restored to the extent that it will blend in with the landscape. The reserve pit liquids will be pumped out and dumped on the existing roads.
 - B) Revegetation and rehabilitation of the location and access road will be done to comply with Bureau of Land Management recommendations.
 - C) Prior to rig release, pits will be fenced and so maintained until clean up.
 - D) If oil is in the mud pit, overhead flagging will be installed to keep birds out.
 - E) Clean up will begin within two months after drilling operations have been completed and the land will be restored at this time.
11. Other Information - The location lies on fairly level ground. The ground
- A) is sloping to the south at about 4 percent. To the immediate northeast of the well location is a wash. This wash is partially on the location. The soil is sandy clay with gravel rock. The vegetation is salt sage, sage brush and native grass. The access road bears southeast to an existing trail and the soil and vegetation are the same as described above.
 - B) The surface belongs to the U.S. Government.
 - C) Water can be located in Red Creek. The Clay Basin camp is occupied by Mountain Fuel personnel. No historical, archeological or cultural sites are in the area to my knowledge.
12. Lessee's or Operator's Representative -
D. E. Dallas, Drilling Superintendent, P. O. Box 1129, Rock Springs, Wyoming 82901, telephone 307-362-5611.

13. Certification -

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Mountain Fuel Supply Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date November 22, 1976

Name D.E. Dallas

Title Drilling Superintendent

cdk

CHECKLIST - 3000psi EQUIPMENT

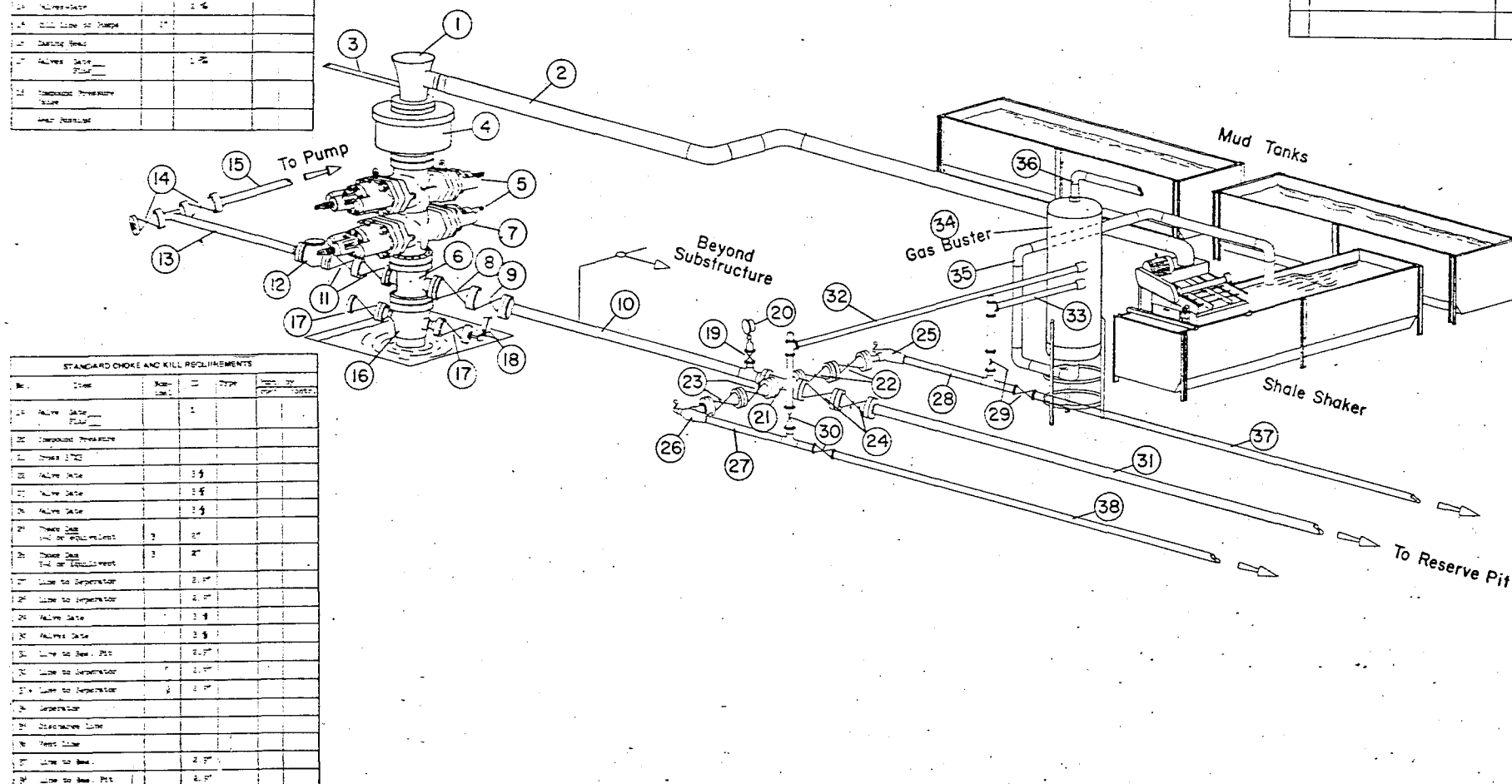
Contractor will reference to Annex form checked at _____

STANDARD STACK REQUIREMENTS					
No.	Item	Non-Stock	Qty	Type	Part by Supplier
1	Wellhead		1		
2	Flowline				
3	Well up Line	2"			
4	Annular Preventer			Hydraulic	
5	Two strings of one dual BOP, open, closed			2 BOPs	
6	Wellhead with 2" dual BOP			2 BOPs	
7	Wellhead with 2" dual BOP			2 BOPs	
8	Wellhead with 2" dual BOP			2 BOPs	
9	Wellhead with 2" dual BOP			2 BOPs	
10	Wellhead with 2" dual BOP			2 BOPs	
11	Wellhead with 2" dual BOP			2 BOPs	
12	Wellhead with 2" dual BOP			2 BOPs	
13	Wellhead with 2" dual BOP			2 BOPs	
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25	Wellhead with 2" dual BOP			2 BOPs	
26	Wellhead with 2" dual BOP			2 BOPs	
27	Wellhead with 2" dual BOP			2 BOPs	
28	Wellhead with 2" dual BOP			2 BOPs	
29	Wellhead with 2" dual BOP			2 BOPs	
30	Wellhead with 2" dual BOP			2 BOPs	
31	Wellhead with 2" dual BOP			2 BOPs	
32	Wellhead with 2" dual BOP			2 BOPs	
33	Wellhead with 2" dual BOP			2 BOPs	
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35	Wellhead with 2" dual BOP			2 BOPs	
36	Wellhead with 2" dual BOP			2 BOPs	
37	Wellhead with 2" dual BOP			2 BOPs	
38	Wellhead with 2" dual BOP			2 BOPs	

MOUNTAIN FUEL SUPPLY COMPANY 3000 psi BLOWOUT PREVENTION EQUIPMENT

SPECIAL CHOKES AND KILL REQUIREMENTS					

SPECIAL STACK REQUIREMENTS					



STANDARD CHOKES AND KILL REQUIREMENTS					
No.	Item	Non-Stock	Qty	Type	Part by Supplier
1	Wellhead		1		
2	Flowline				
3	Well up Line	2"			
4	Annular Preventer			Hydraulic	
5	Two strings of one dual BOP, open, closed			2 BOPs	
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36	Wellhead with 2" dual BOP			2 BOPs	
37	Wellhead with 2" dual BOP			2 BOPs	
38	Wellhead with 2" dual BOP			2 BOPs	

Well Name Clay Basin Unit Well No. 29-SLocation NE NW 23-3N-24EDaggett County, Utah

<u>Wellhead Equipment</u>	<u>Size</u>	<u>Pressure Rating</u>	<u>Pressure Test</u>
Surface Casing Flange	10	3,000	
Casing Spool			
Tubing Spool	10 x 6	3,000	6,000
Tubing Bonnet	10 x 4	3,000	6,000

<u>Blow Out Preventers</u> (Top to Bottom)	<u>Size</u>	<u>PSI Rating</u>	<u>PSI Test</u>	<u>Reg.</u>	<u>Range</u>
	10	3,000	6,000		Blind
	10	3,000	6,000		4-1/2
<u>Gas Buster</u>	<u>Yes</u>	<u>X</u> No	<u>De-gasser</u>	<u>Yes</u>	<u>X</u> No

Kill or Control Manifold

<u>2</u> Size	<u>3,000</u> Pressure Rating	<u>6,000</u> Pressure Rating Test	<u>No</u> Hydraulic Valves
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<u>Auxiliary Equipment</u>	<u>Kelly Cock</u>	<u>X</u> Yes	<u>No</u>
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<u>Monitoring Equipment on Mud System</u>	<u>X</u> Yes	<u>No</u>
---	-----------------	-----------

<u>Full Opening Drill Pipe Stabbing Valve on Floor</u>	<u>X</u> Yes	<u>No</u>
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<u>Type of Drilling Fluid</u>	<u>X</u> Water Base Mud	<u>Air</u>	<u>Gas</u>	<u>Oil Base Mud</u>
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<u>Anticipated Bottom Hole Pressure</u>	<u>500</u> PSI
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STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

Gas Storage

** FILE NOTATIONS **

(7)

Date:

Jan. 18 -

Operator:

Mountain Fuel Supply

Well No.

Clay Basin Unit 29-S

Location:

Sec. 23 T. 3N R. 24E County: Sage

File Prepared

☒

Entered on N.I.D.

☒

Card Indexed

☒

Completion Sheet

☒

Checked By:

Administrative Assistant:

[Signature]

Remarks:

Ok-Order

Petroleum Engineer:

[Signature]

Remarks:

Director:

7

Remarks:

Include Within Approval Letter:

Bond Required

☐

Survey Plat Required

☐

Order No.

164-1

☒

Surface Casing Change

☐

to

Rule C-3(c), Topographical exception/company owns or controls acreage within a 660' radius of proposed site

☐

O.K. Rule C-3

☐

O.K. In

Clay Basin

Unit

☒

Other:

Approved
Letter Written

K P

INTEROFFICE COMMUNICATION

FROM T. M. Colson

Rock Springs, Wyoming

CITY

STATE

TO R. G. Myers

DATE February 24, 1977

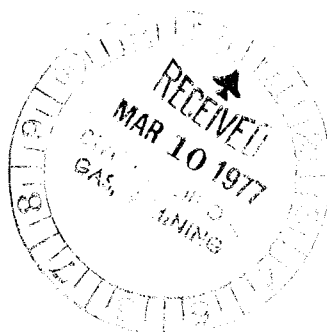
SUBJECT Revised Tentative Plan to Drill
Unit Well No. 29
Clay Basin Field

Attached for your information and files is a revised tentative plan to drill the above-captioned well. This plan was written in accordance with the Geologic Prognosis prepared by D. L. Reese.

TMC/gm

Attachment

cc: R. D. Cash
E. R. Keller (3)
G. A. Peppinger (3)
A. J. Marushack
A. K. Zuehlisdorff
D. E. Dallas
A. J. Maser (3)
J. E. Adney
E. J. Widic
B. M. Steigleder
E. A. Farmer
D. L. Reese
U.S.G.S.
State
Paul Zubatch
P. E. Files (4)



From: C. R. Owen

Rock Springs, Wyoming

To: T. M. Colson

February 24, 1977

Revised Tentative Plan to Drill
Unit Well No. 29
Clay Basin Field

This well will be drilled to total depth by _____ Drilling Company. One work order has been originated for the drilling and completion of this well, namely _____, Drill Unit Well No. 29, Clay Basin Field, located in the NE SW Sec. 23, T. 3 N., R. 24 E., Daggett County, Utah. An 8-3/4-inch hole will be drilled to a total depth of 6065 feet and 7-inch O.D. casing run. It is planned to complete the well as a gas storage well in the Dakota formation. 100 feet of cores will be cut, starting at a point 50 feet from the bottom of the Mowry and through 50 feet of the Dakota storage sand. Surface elevation is at 6667 feet KBM.

1. Drill 12-1/4-inch hole to approximately 330 feet KBM.
2. Run and cement approximately 300 feet of 9-5/8-inch O.D., 36-pound, K-55, 8 round thread, LT&C casing. The casing will be cemented by Dowell with 165 sacks of regular Type "G" cement, which represents theoretical requirements plus 100 percent excess cement for 9-5/8-inch O.D. casing in 12-1/4-inch hole with cement returned to surface. Cement will be treated with 775 pounds of Dowell D-43A. Plan on leaving a 10 foot cement plug in the bottom of the casing after displacement is completed. Floating equipment will consist of a Baker guide shoe. The top and bottom of all casing collars will be spot welded in the field and the guide shoe will be spot welded to the shoe joint in the Rock Springs Machine Shop. The bottom of the surface casing should be landed in such a manner that the top of the 10-inch 3000 psi casing flange will be at ground level. A cellar three feet deep will be required. Prior to cementing, circulate 50 barrels of mud. Capacity of the 9-5/8-inch O.D. casing is 24 barrels.
3. After a WOC time of 6 hours, remove the landing joint and wash off casing collar. Install a NSCo. Type "B" 10-inch 3000 psi regular duty casing flange tapped for 9-5/8-inch O.D. casing. Install a 2-inch extra heavy nipple, 6-inches long, and

a Demco (2000 psi WOG, 4000 psi test) ball valve on one side outlet of the casing flange and a 2-inch extra heavy bull plug in the opposite side. Install a 10-inch 3000 psi double gate hydraulically operated blowout preventer with blind rams in the bottom and 4-1/2-inch rams in the top and finish nipping up. After a WOC time of 12 hours, pressure test surface casing, all preventer rams, and Kelly-cock to 1000 psi for 15 minutes using rig pump and drilling mud. The burst pressure rating for 9-5/8-inch O.D., 36-pound, K-55, 8 round thread, LT&C casing is 3520 psi.

4. Drill 8-3/4-inch hole to the total depth of 6065 feet or to such depth as the Geological Department may recommend. The mud will consist of 2 percent potassium chloride water to 4500 feet. Mud up with the potassium Dexdrid Drispac system at this point to allow a 3 cc. water loss at 5815 feet when the coring begins. The 3 cc. water loss will be maintained from the coring point to total depth at 6065 feet. If lost circulation is encountered, only acid soluble lost circulation material will be used. A mud cleaner will be used from surface to total depth to remove undesirable solids from the mud system and to keep the mud weight to a minimum. A Company Geologist will be on location to check cutting samples; 10 foot samples from 5350 feet to total depth. 100 feet of cores will be cut from approximately 5815 feet to 5915 feet (50 foot Mowry core, 50 foot Dakota core). Anticipated tops are as follows:

	Approximate Depth (Feet KBM)
Mancos	Surface
Frontier	5,415
Mowry	5,615
Dakota	5,865
Total Depth	6,065

5. Run a dual induction laterolog (2-inch linear scale and 5-inch logarithmic scale) and a compensated density/gamma ray/caliper from total depth at 6065 feet to 4065 feet. The 2000 feet logged represents the minimum footage for each log.
6. Assuming gas storage zones of good quality are present as indicated by log analysis, go into hole with 8-3/4-inch bit and drill pipe to total depth to condition mud prior to running production casing. Pull bit laying down drill pipe and drill collars.
7. Run 7-inch O.D. casing as outlined in Item No. 1, General Information, through the deepest producing zone as indicated by log analysis. A Baker 7-inch O.D., 8 round thread, Type G circulating differential fillup collar and guide shoe will be run as floating equipment. Rig up Dowell and cement casing with 50-50 Pozmix cement. Bring cement top behind the 7-inch O.D. casing 1000 feet above the uppermost producing zone as indicated by log analysis. Circulate 300 barrels of drilling mud prior to beginning cementing operations. Capacity of the 7-inch O.D. casing is approximately 238 barrels. Cement requirements will be based on actual hole size as determined by the caliper portion of the formation density log. Rotate casing while circulating, mixing, and displacing cement. Displace cement with water. Bump plug with 2500 psi and hold for 15 minutes to pressure test casing. Minimum burst pressure of the 7-inch O.D., 23-pound, K-55 casing is 4360 psi.
8. Immediately after cementing operations are completed, land the 7-inch O.D. casing with full weight of casing on slips in the 10-inch 3000 psi casing flange and record indicator weight. Install NSCo. Type B 10-inch 3000 psi by 6-inch 3000 psi

tubing spool. Pressure test primary and secondary seals to 2500 psi for 5 minutes. Minimum collapse pressure for 7-inch O.D., 23-pound, K-55, 8 round thread, LT&C casing is 3280 psi. Install a steel plate on the 6-inch 3000 psi tubing spool flange.

9. Release drilling rig and move off location.
10. Move in and rig up a completion rig.
11. Install a 6-inch 5000 psi hydraulically operated double gate preventer with blind rams on bottom and 2-3/8-inch tubing rams on top.
12. After a WOC time of at least 50 hours, rig up Dresser Atlas and run bond log and perforating formation control log from plugged back depth to top of cement behind the 7-inch O.D. casing.
13. After a WOC time of at least 56 hours, pick up and run a 6-1/4-inch bit on 2-3/8-inch O.D., 4.7-pound, V-55, 8 round thread, EUE tubing to check plugged back depth. Rig up and displace drilling mud out of hole with drip oil. Pull and lay down 2-3/8-inch O.D. tubing.
14. Rig up Dresser Atlas and run a casing potential profile log from total depth to the bottom of the surface casing at 300 feet KB.
15. Rig up Dresser Atlas perforating truck and perforate the Dakota storage sand with 2 HPF jumbo jet shots. The interval to be perforated will be chosen after the open hole logging has been reviewed and evaluated.
16. Rig up Dresser Atlas and run a Baker Model FB-1 (size 87-40) as follows:
 - Baker Model FB-1 (4.0-inch I.D. through packer)
 - 6 foot Baker millout extension (4.0-inch I.D.).
 - 10 foot Baker seal bore protector (4.0-inch I.D.) changeover.

6 feet 3-1/2-inch O.D., 9.2-pound, J-55, 8 round EUE pup joint.

Baker Model "F" non-ported seating nipple (size 2.81).

6 feet 3-1/2-inch O.D., 9.2-pound, J-55, 8 round EUE pup joint.

Baker Model "R" non-ported no-go seating nipple (size 2.75).

Set packer so that the bottom of the assembly is 30 feet above the perforations.

Perforations will be chosen after the open-hole logging is completed.

17. Install 4-1/2-inch rams in preventer. Pick up a Baker locator seal assembly and a Baker Model "L" sliding sleeve and run tubing as follows:

1 NSCo. DP4-H-1 tubing hanger tapped 4-1/2-inch O.D., 8 round thread, LT&C, top and bottom.

4-1/2-inch O.D., 11.6-pound, J-55, 8 round thread, LT&C pup joints as required to space out.

Approximately 189 joints 4-1/2-inch O.D., 11.6-pound, J-55, 8 round thread, LT&C tubing.

Baker Model "L" 4-1/2-inch O.D. sliding sleeve (size 3.812), in open position.

1 6 foot 4-1/2-inch O.D., 11.6-pound, J-55 pup joint.

Baker Model "G" locator seal assembly with 10 feet of seal extensions (I.D. 3.0-inches).

Land tubing in packer with 10,000 pounds compression. Space out and land in wellhead.

18. Install upper portion of wellhead.

19. Swab fluid out of wellbore. Run a short production test.

GENERAL INFORMATION

I. The following tubular goods have been assigned to the well.

<u>Description</u>	<u>Approximate Gross Measurement (feet)</u>	<u>Availability</u>
	<u>Surface Casing</u>	
9-5/8-inch O.D., 36-pound, H-40, 8 round thread, ST&C casing	330	Warehouse Stock
	<u>Production Casing</u>	
7-inch O.D., 23-pound, K-55, 8 round thread, LT&C casing (Bottom 400 feet will be rough coated)	6,200	To be purchased
	<u>Production Tubing</u>	
4-1/2-inch O.D., 11.6-pound, J-55, 8 round thread, LT&C tubing	6,300	To be purchased

II. All ram type preventers will have hand wheels installed and operative at the time the preventers are installed.

III. Well responsibility - D. L. Reese

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Gas Storage		5. LEASE DESIGNATION AND SERIAL NO. SLC - 045051 b	
2. NAME OF OPERATOR Mountain Fuel Resources, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		7. UNIT AGREEMENT NAME Clay Basin Gas Storage Agreement	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2100' FSL 2200' FWL NE SW		8. FARM OR LEASE NAME Unit Well	
14. PERMIT NO. API No.: 43-009-30020		9. WELL NO. 29-S	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6688.65' GR 6667'		10. FIELD AND POOL, OR WILDCAT Clay Basin Gas Storage	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE SW. 23-3N-24E	
		12. COUNTY OR PARISH Daggett	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Supplementary history	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Depth 5958', spudded March 24, 1977, landed 9-5/8"OD, 36#, K-55, casing at 302.84' and set with 180 sacks regular type G cement treated with 3% calcium chloride, cement in place 3-25-77, drilling.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. G. Myers

TITLE

Manager, Drilling and
Petroleum Engineering

DATE

April 4, 1977

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FIELD Clay Basin T. Utah COUNTY Dagget SEC. 23 T. 3N R. 24E

COMPANY Mountain Fuel Resources FARM Clay Basin WELL NO. Unit No. 29-S

LOCATION 2100'FSL, 2200'FWL ELEV. KB 6688.65 GR 6667

DRILLING COMMENCED March 24, 1977 COMPLETED April 9, 1977

RIG RELEASED April 6, 1977 TOTAL DEPTH 6120

CASING RECORD 9-5/8" to 302.84 w/180 sacks; 7" to 6120 w/560 sacks

TUBING RECORD 4-1/2" to 5809.10

PERFORATIONS 5896-5904, 5913-5927, 5957-5973

I. P. GAS None Reported OIL None

SANDS

SHUT-IN SURFACE PRESSURES None Reported

REMARKS

	FROM	TO
Core #1, Cut 42, Rec. 42		
Shale, light gray and medium gray shale interbedded; medium hard	5820	5822.6
Shale, medium gray, brittle with abundant oblique and vertical fractures throughout.	5822.6	5829
Shale, medium gray, medium hard and brittle with rare vertical to oblique fractures	5829	5835
Shale, medium gray, grading to light gray at base, very faintly laminated throughout.	5835	5840
Bentonite, very soft.	5840	5840.2
Shale, medium gray, brittle with common oblique and vertical fractures.	5840.2	5847.6
Shale, light gray and medium gray shale interbedded, medium hard with fish scales rare in medium gray shale and absent in light gray shale	5847.6	5852
Bentonite	5852	5853
Shale, medium gray, brittle with common vertical and oblique fractures throughout.	5853	5862

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-verse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Gas Storage		7. UNIT AGREEMENT NAME Clay Basin Gas Storage Agreement	
2. NAME OF OPERATOR Mountain Fuel Resources, Inc.		8. FARM OR LEASE NAME Unit Well	
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming, 82901		9. WELL NO. 29-S	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2100' FSL 2200' FWL NE SW		10. FIELD AND POOL, OR WILDCAT Clay Basin Gas Storage	
14. PERMIT NO. API No.: 43-009-30020		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE SW 23-3N-24E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6688.65' GR 6667'		12. COUNTY OR PARISH Daggett	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Supplementary history	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD 6120', landed 7"OD, 23#, K-55, 8rd thd, LT&C casing at 6120.00' KBM and set with 560 sacks 50-50 Pozmix treated with 2% gel, cement in place 4-5-77, rig released 4-6-77.

Rigged up work over unit on 4-15-77, perforated the following intervals with 2 jumbo jet shots per foot: 5896-5904', 5913-5927', and 5957-5973', set packer at 5796', landed 4-1/2" tubing at 5809.10', swabbed, well began to flow, flowed to pit, shut well in, work over released 4-19-77.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. G. Myers

TITLE

Manager, Drilling and
Petroleum Engineering

DATE

April 21, 1977

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form approved.
Budget Bureau No. 42 -R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>		GAS WELL <input type="checkbox"/>		DRY <input type="checkbox"/>		Other <input type="checkbox"/>		Gas Storage	
b. TYPE OF COMPLETION:											
NEW WELL <input checked="" type="checkbox"/>		WORK OVER <input type="checkbox"/>		DEEP-EN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>		DIFF. RESVR. <input type="checkbox"/>		Other <input type="checkbox"/>	
2. NAME OF OPERATOR											
Mountain Fuel Resources, Inc.											
3. ADDRESS OF OPERATOR											
P. O. Box 1129, Rock Springs, Wyoming 82901											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)											
At surface 2100' FSL, 2200' FWL NE SW											
At top prod. interval reported below											
At total depth											
14. PERMIT NO. DATE ISSUED											
API No.: 43-009-30020											
15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD											
3-24-77 4-5-77 4-19-77 KB 6688.65' GR 6667' --											
20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS 25. CABLE TOOLS											
6120' 6068' -- 0-6120' --											
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE											
5896-5904', 5913-5927', 5957-5973' Dakota No											
26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED											
Dual Laterolog, Compensated Densilog Yes											
28. CASING RECORD (Report all strings set in well)											
Casing Size Weight, lb./ft. Depth Set (MD) Hole Size Cementing Record Amount Pulled											
9-5/8" 36 302.84 12-1/4 180 0											
7 23 6120.00 8-3/4 560 0											
29. LINER RECORD 30. TUBING RECORD											
Size Top (MD) Bottom (MD) Sacks Cement* Screen (MD) Size Depth Set (MD) Packer Set (MD)											
4-1/2 5809.10 5796											
31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
5896-5904', 5913-5927', 5957-5973', jumbo jet, 2 holes per foot											
33.* PRODUCTION											
Date First Production Production Method (Flowing, gas lift, pumping—size and type of pump) Well Status (Producing or shut-in)											
Shut in Flowing - GAS STORAGE SI											
Date of Test Hours Tested Choke Size Prod'n. for Test Period Oil—BBL. Gas—MCF. Water—BBL. Gas-Oil Ratio											
Flow. Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil—BBL. Gas—MCF. Water—BBL. Oil Gravity-API (Corr.)											
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY											
35. LIST OF ATTACHMENTS											
Logs as above, Well Completion and Well Lithology to be sent at a later date.											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
Manager, Drilling and											
SIGNED TITLE DATE April 25, 197											

*** (See Instructions and Spaces for Additional Data on Reverse Side)**

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
				Log tops:		
				Frontier	5509'	
				Mowry	5714	
				Dakota	5895	

P

COMPLETION REPORT

Well: Clay Basin Unit No. 29-S 4 Date: May 9, 1977

Area: Clay Basin Lease No: SLC 045051 b

☐ New Field Wildcat ☒ Development Well ☐ Shallower Pool Test
☐ New Pool Wildcat ☐ Gas Storage ☐ Deeper Pool Test
☐ Extension

Location: 2100 feet from South line, 2200 feet from West line
NE $\frac{1}{4}$ SW $\frac{1}{4}$

Section 23, Township 3 North, Range 24 East

County: Daggett State: Utah

Operator: Mountain Fuel Resources

Elevation: KB 6688.65 Gr 6667 Total Depth: Driller 6080 Log 6071

Drilling Commenced: March 24, 1977 Drilling Completed: April 5, 1977

Rig Released: April 6, 1977 Well Completed: April 19, 1977

<u>Sample Tops: (unadjusted)</u>		<u>Log Tops:</u>	
Frontier	5519	Mancos	Surface
Mowry	5719	Frontier	5509
Dakota	5884	Mowry	5714
		Dakota	5895

Sample Cuttings: None

Status: Gas Storage injection-withdrawal well

Producing Formation: Dakota

Perforations: 5896-5904, 5913-5927, 5957-5973

Stimulation: None

Production: None reported

Plug Back Depth: 6068

Plugs: None

Hole Size: 12 1/4" to 320; 8 3/4" to 5820; 8 5/8" to 5862; 8 1/2" to 6210

Casing/Tubing: 9 5/8" to 302.84 w/ 180 sacks; 7" to 6120 w/ 560 sacks; 4 1/2" to 5809.10 in a Baker FB-1 production packer set at 5796 feet.

Logging - Mud: None

Mechanical: Dual Laterlog (303-6070); Densilog (4074-6076)

Contractor: Loffland Brothers

Completion Report Prepared by: G.G. Francis

Remarks: API No. 4300930020

COMPLETION REPORT (cont.)

Page 2

Well: Clay Basin Unit No. 29-S

Area: Clay Basin

Cored Intervals (recovery): 5820-5862 (42)

Tabulation of Drill Stem Tests: None

<u>No.</u>	<u>Interval</u>	<u>IHP</u>	<u>IFP (min.)</u>	<u>ISIP (min.)</u>	<u>FFP (min.)</u>	<u>FSIP (min.)</u>	<u>FHP</u>	<u>Samples Caught</u>	<u>Remarks</u>
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Clay Basin Unit # 207 Sec 23, 3N, 24E

Obly, 14 June 88



○ well head



meter run

access
road



QUESTAR PIPELINE COMPANY

79 SOUTH STATE STREET • P. O. BOX 11450 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2400
June 23, 1988

CERTIFIED MAIL

RETURNED RECEIPT REQUESTED

#P 879 571 459

Bureau of Land Management
Utah State Office
CFS Financial Center
324 S. State Street
Salt Lake City, UT 84111-2303

Re: Name Change
Mountain Fuel Resources, Inc.
to Questar Pipeline Company

Gentlemen:

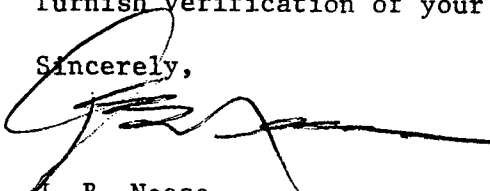
Enclosed for your files and information is a certified copy of the Articles of Amendment to the Articles of Incorporation of Mountain Fuel Resources, Inc. dated March 7, 1988, indicating that Mountain Fuel Resources, Inc. changed its name to Questar Pipeline Company.

Questar Pipeline Company holds interests in the following Federal Oil and Gas Leases in Utah:

Now wells on gas held with CA
C A well - RT 1, OR's Mt. Fuel Resources - U²9712-A - Questar 100%
U-011246 Assignment pending to "Questar Energy Co."
SLC-045051(A) > OR's
SLC-045051(B) > OR's
SLC-045053(A) > OR's
SLC-045053(B) > OR's
SLC-062508 - OR's
SLC-070555 - OR's
SLC-070555(A) - OR's
? Agreement No. 14-08-0001-16009
(Clay Basin Gas Storage Agreement)
Vernal

Please note and adjust your records in accordance with the above and furnish verification of your receipt of this notice to the undersigned.

Sincerely,


J. B. Neese
Senior Landman

JBN/sdg

Enclosure

List of Leases

Overriding Royalties

U-09712-A
U-011246

Operating Rights

SL-045051-A & B
SL-045053-A & B
SL-062508
SL-0700555
SL-070555-A
SL-045049-A & B

Clay Basin Gas Storage Agreement
Agreement No. 14-08-0001-16009

3100
U-09712-A
et al
(U-942)

C. Seare
3/9/89

DECISION

Questar Pipeline Company : Oil and Gas Leases
P.O. Box 11450 : U-09712-A et al
Salt Lake City, Utah 84147 :

Corporate Name Change Recognized

Acceptable evidence has been received establishing that Mountain Fuel Resources, Inc. has changed their name to Questar Pipeline Company. Accordingly, the surviving company, Questar Pipeline Company, is recognized as holding all interests in Federal oil and gas leases which were held by Mountain Fuel Resources, Inc. We are changing our records with respect to the attached listing of oil and gas leases. If there are any other leases that will be affected, please contact this office.

/s/ M. Willis

ACTING Chief, Minerals
Adjudication Section

Enclosure
List of Leases

cc: All District Offices, Utah
MMS, AFS
MMS, BRASS
920, Teresa Thompson
Clay Basin Unit File

CSeare:s1 3/9/89:1642f

RECEIVED

JAN 28 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

3/7/1988

FROM: (Old Operator):

N1070-Wexpro Company
 PO Box 45360
 Salt Lake City, UT 84145-0360
 Phone: 1-(801) 534-5267

TO: (New Operator):

N7560-Questar Pipeline Company
 PO Box 11450
 Salt Lake City, UT 84147
 Phone: 1-(801) 530-2019

CA No.

Unit:

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
CLAY BASIN UNIT 39-S	21	030N	240E	4300930030	1025	Federal	GS	A
CLAY BASIN UNIT 48-S	21	030N	240E	4300930044	1025	Federal	GS	A
CLAY BASIN UNIT 50-S	21	030N	240E	4300930046	1025	Federal	GS	A
CLAY BASIN UNIT 51-S	21	030N	240E	4300930047	1025	Federal	GS	A
CLAY BASIN UNIT 58-S	21	030N	240E	4300930054	1025	Federal	GS	A
CLAY BASIN UNIT 60-S	21	030N	240E	4300930056	1025	Federal	GS	A
CLAY BASIN U 11 (RD MURPHY 6-W)	22	030N	240E	4300915635	1025	Federal	GS	A
CLAY BASIN 28-S	22	030N	240E	4300930021	1025	Federal	GS	A
CLAY BASIN UNIT 32-S	22	030N	240E	4300930023	1025	Federal	GS	A
CLAY BASIN UNIT 36-S	22	030N	240E	4300930027	1025	Federal	GS	A
CLAY BASIN UNIT 54-S	22	030N	240E	4300930050	1025	Federal	GS	A
CLAY BASIN U 6 (RD MURPHY 3)	23	030N	240E	4300915630	1025	Federal	GS	A
CLAY BASIN U 10 (1 CL SPARKS)	23	030N	240E	4300915634	1025	Federal	GS	A
CLAY BASIN UNIT 29-S	23	030N	240E	4300930020	1025	Federal	GS	A
CLAY BASIN UNIT 31-S	23	030N	240E	4300930022	1025	Federal	GS	A
CLAY BASIN UNIT 44-S	23	030N	240E	4300930040	1025	Federal	GS	A
CLAY BASIN UNIT 45-S	23	030N	240E	4300930041	1025	Federal	GS	A
CLAY BASIN UNIT 57-S	24	030N	240E	4300930053	1025	Federal	GS	A
CLAY BASIN UNIT 41-S	26	030N	240E	4300930032	1025	Federal	GS	A
CLAY BASIN UNIT 42-S	26	030N	240E	4300930033	1025	Federal	GS	A
CLAY BASIN UNIT 43-S	26	030N	240E	4300930039	1025	Federal	GS	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/13/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/13/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/14/20044. Is the new operator registered in the State of Utah: YES Business Number: 649172-0142

5. If NO, the operator was contacted contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 3/9/1989

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on:

n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on:

n/a

10. **Underground Injection Control ("UIC"** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on:

1/29/2004

2. Changes have been entered on the Monthly Operator Change Spread Sheet on:

1/29/2004

3. Bond information entered in RBDMS on:

1/29/2004

4. Fee wells attached to bond in RBDMS on:

1/29/2004

5. Injection Projects to new operator in RBDMS on:

n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number:

965003032

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number:

965002976

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number:

n/a

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number

965003033

2. The **FORMER** operator has requested a release of liability from their bond on:

N/A

The Division sent response by letter on:

N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/29/2004

COMMENTS:

NEW ENTITY NUMBERS ASSIGNED FEBRUARY 2004

ACCT	OPERATOR NAME	API NUM.	Sec	Twtnshp	Rng	WELL NAME	ENTITY	EFF DATE	REASON
N7560	Questar Pipeline Co	4300930050	22	030N	240E	Clay Basin Unit 54-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915630	23	030N	240E	Clay Basin U 6 (RD Murphy	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915634	23	030N	240E	Clay Basin U 10 (1 CL Sparks	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930020	23	030N	240E	Clay Basin Unit 29-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930022	23	030N	240E	Clay Basin Unit 31-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930040	23	030N	240E	Clay Basin Unit 44-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930041	23	030N	240E	Clay Basin Unit 45-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930053	24	030N	240E	Clay Basin Unit 57-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930032	26	030N	240E	Clay Basin Unit 41-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930033	26	030N	240E	Clay Basin Unit 42-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930039	26	030N	240E	Clay Basin Unit 43-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930042	26	030N	240E	Clay Basin Unit 46-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930051	26	030N	240E	Clay Basin Unit 55-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930052	26	030N	240E	Clay Basin Unit 56-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915628	27	030N	240E	Clay Basin U 4 (ES Lauzer 1)	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930025	27	030N	240E	Clay Basin Unit 34-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930028	27	030N	240E	Clay Basin Unit 37-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930029	27	030N	240E	Clay Basin Unit 38-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930043	27	030N	240E	Clay Basin Unit 47-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage

Note to file: These entity numbers
were changed to compliment the
operator correction from 3/7/98